

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
10 July 2003 (10.07.2003)

PCT

(10) International Publication Number
WO 03/056839 A1

(51) International Patent Classification⁷: H04N 7/50,
G06T 9/00

Wei, Yin [SG/SG]; Blk 163 Jln Teck Whye, #11-218, Singapore 680163 (SG). HUI, Lucas, Y., W. [SG/SG]; 10H Braddell Hill, #24-31, Singapore 579727 (SG).

(21) International Application Number: PCT/SG01/00261

(74) Agent: DONALDSON & BURKINSHAW; P.O. Box 3667, Singapore 905667 (SG).

(22) International Filing Date:
31 December 2001 (31.12.2001)

(81) Designated States (national): JP, SG, US.

(25) Filing Language: English

(84) Designated States (regional): European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR).

(71) Applicant (for all designated States except US): STMICROELECTRONICS ASIA PACIFIC PTE LTD [SG/SG]; 28 Ang Mo Kio Industrial Park 2, Singapore 569508 (SG).

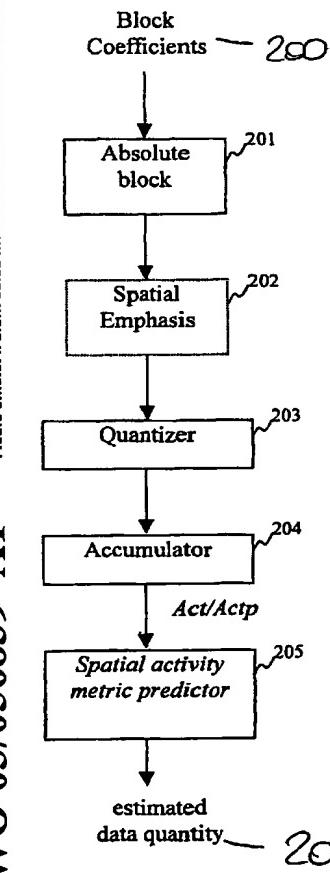
Published:

- with international search report
- with amended claims

(72) Inventors; and
(75) Inventors/Applicants (for US only): CHIANG, Patricia,

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: VIDEO ENCODING



(57) Abstract: A method for use in encoding video data, including generating metric values for the video data based on a metric function and respective encoding parameters. At least one of the encoding parameters is selected on the basis of a desired quantity of encoded video data and a predetermined relationship between metric values and respective quantities of encoded video data.

WO 03/056839 A1